

# Software Architect Job Description

written by Rory Lodge | January 5, 2021



## SOFTWARE ARCHITECT RESPONSIBILITIES INCLUDE:

- Collaborating with other professionals to determine functional and non-functional requirements for new software or applications
- Using tools and methodologies to create representations for functions and user interface of desired product
- Developing high-level product specifications with attention to system integration and feasibility

## JOB BRIEF

We are looking for an experienced **Software Architect** to make intuitive high level decisions for software development. You will see the “big picture” and create architectural approaches for software design and implementation to guide the development team.

A great software architect has a strong technical background and excellent IT skills. They are experienced in designing and possess ability to develop a unified vision for software characteristics and functions.

The goal is to provide a framework for the development of a software or system that will result in high quality IT solutions.

## RESPONSIBILITIES

- Collaborate with other professionals to determine functional and non-functional requirements for new software or applications
- Use tools and methodologies to create representations for functions and user interface of desired product
- Develop high-level product specifications with attention to system integration and feasibility
- Define all aspects of development from appropriate technology and workflow to coding standards
- Communicate successfully all concepts and guidelines to development team
- Oversee progress of development team to ensure consistency with initial design
- Provide technical guidance and coaching to developers and engineers
- Ensure software meets all requirements of quality, security, modifiability, extensibility etc.
- Approve final product before launch

## REQUIREMENTS

- Proven experience as software architect
- Experience in software development and coding in various languages (C#, .NET, Java etc.)
- Excellent knowledge of software and application design and architecture
- Excellent knowledge of UML and other modeling methods
- Familiarity with HTML/CSS, JavaScript and UI/UX design
- Understanding of software quality assurance principles
- A technical mindset with great attention to detail
- High quality organizational and leadership skills
- Outstanding communication and presentation abilities
- MSc/MA in computer science, engineering or relevant field

**SOURCE:** <https://resources.workable.com/software-architect-job-description>